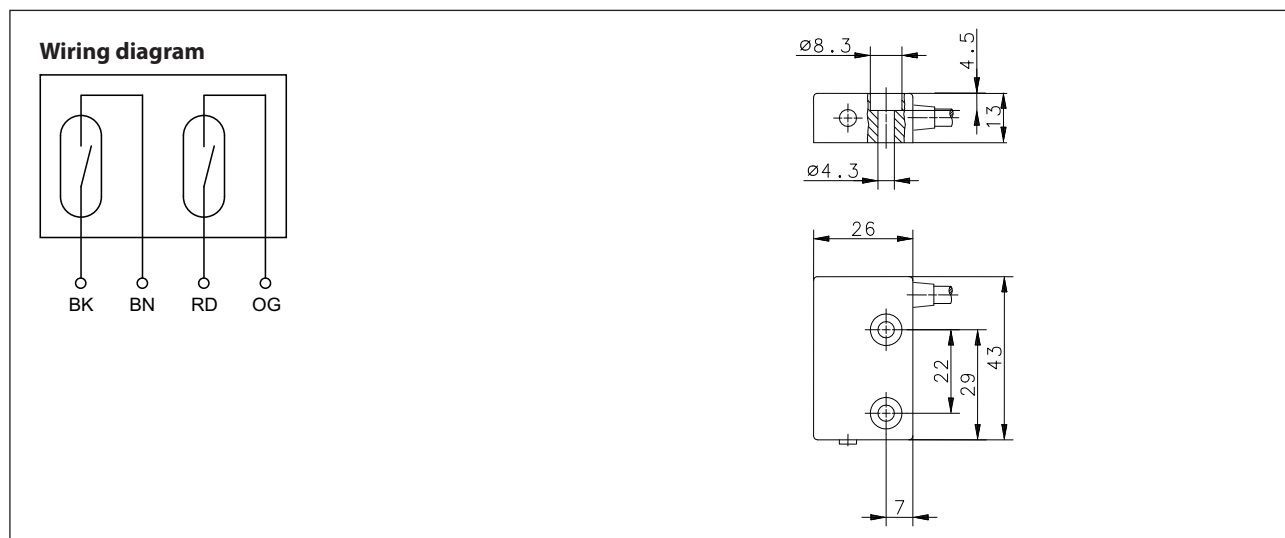


Magnetic Switch

Series MA-52

Description **MAK-5236-CD-2S-1,5**

Article number **6490652334**




Identifying characteristics in accordance with EN 60947-5-1 and EN 62246-1

Electrical data		min.	typ.	max.	
Operating distance	S[mm]	ON	6	8	12
		OFF	9	12	17
		HYS	-	7	-
Reference magnet	TK-52-CD/2 SN8 (6402052075)				
Output	2 x N.O.				
Max. switching voltage	120 V AC / DC				
Max. switching current	0,25 A				
Max. voltage	5 VA				
Mechanical lifetime	3 x 10 ⁸ switchings, however, according to the load resetability				
Repeat accuracy	R	± 0,1mm (under same geometrical conditions at the same temperature)			

Mechanical data	
Enclosure	PBT, black
Ambient air temperature	-5 °C ... +70 °C
Protection class	IP 65 according to IEC 529, EN 60529
Connection	Cable 4 x AWG26 x 1,5 m; PVC - Outer jacket, black and cable sleeve TPE, black
Assembly position	optional (assembly on iron means reduction of switch distance)

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)

Approvals	
	UL Listed, Ind. Cont. Eq. / Class 2 Power source
	Note limited electrical data:
	max. switching voltage 30 V AC / 60 V DC
	max. switching current 0,25 A
	max. switching capacity 5 VA

Notes
<p>These coded magnetic systems offer manipulation-safe locking and can not be actuated with simple tools like depolarised magnets.</p> <p>When this magnetic switch is used together with the related magnet, like TK-52-CD/2 SN8 (6402052075), and a suitable safety control unit, like e.g. Safety Relay Combination SCR, it supports a safety system up to PL e according to EN ISO 13849-1 and up to SIL CL 2 according to EN 62061.</p> <p>The magnetic-units are impact- and shock free to actuate.</p> <p>Tightening torque of screws: 1,25 Nm \pm0,25 Nm</p>